

DMITRI DEREVJANKO

AI Integration Specialist · AI/Data Engineer (End-to-End Systems)

☎ +372 5352 0920 ✉ dmitri.derevjanko02@gmail.com 🌐 <https://dmitriderevjanko.com>

🌐 <https://www.linkedin.com/in/dmitri-derevjanko> 🐙 <https://github.com/DmitriDerevjanko>

ABOUT ME

AI integration specialist building production-grade AI systems end-to-end: RAG, tool-using agents, OCR/NLP pipelines, web data ingestion, analytics, and APIs. I deliver working products with clear contracts, reliable data pipelines, measurable outcomes, and deployment-ready infrastructure (Docker/CI/CD). Strong focus on data quality, grounded answers with sources, and real business automation.

WORK EXPERIENCE

Adapter | 2025 – Present

AI Solutions Engineer

Built an AI matchmaking system using an embedding-based knowledge base (1500+ services) to recommend best-fit innovation and research services and route requests to the most relevant experts across a network of 27 partner universities and research organizations. Designed and implemented a unified Notion-based CRM for 27 partners with role-based access, synchronized databases, and automation, and delivered the ingestion, embeddings, and recommendation pipelines to keep operations fast and reliable.

AI & Robotics Estonia (AIRE) | 2024 – Present

Digitalization & Data Management Expert

Lead the design and delivery of AI-driven data pipelines for enterprise clients, including OCR-based document processing and RAG systems grounded in internal knowledge bases. Built high-throughput PDF ingestion (OCR/NLP + vector search), shipped FastAPI chatbot microservices and LangChain/Chroma RAG integrations into internal tools, and productionized deployments with Docker and CI/CD to improve release speed and reliability.

EDUCATION

Tallinn University of Technology (TalTech) | 2021 – Jun 2025

B.Sc., Business Information Technology

Focus: software engineering, databases, networks; practical work with OCR and RAG pipelines.

Tallinn University of Technology (TalTech) | 2025 – Present

M.Sc., Business Information Technology

Focus: AI integration, enterprise data management, digital transformation.

SKILLS

- Programming Languages: Python, JavaScript/TypeScript, R, C#
- Web: HTML5, CSS3
- DevOps: Docker, CI/CD (GitHub Actions), Linux deployment
- Data Engineering: Playwright/Selenium/API scraping, ingestion, normalization, SQL
- LLM/RAG: retrieval, chunking, embeddings, vector DBs (Chroma), grounding/citations, evaluation
- Agents/Automation: tool-using agents, workflow automation, CRM/Notion integrations
- Document AI: OCR + NLP extraction, classification, structured outputs, searchable KBs